

- O **1** 00000000000

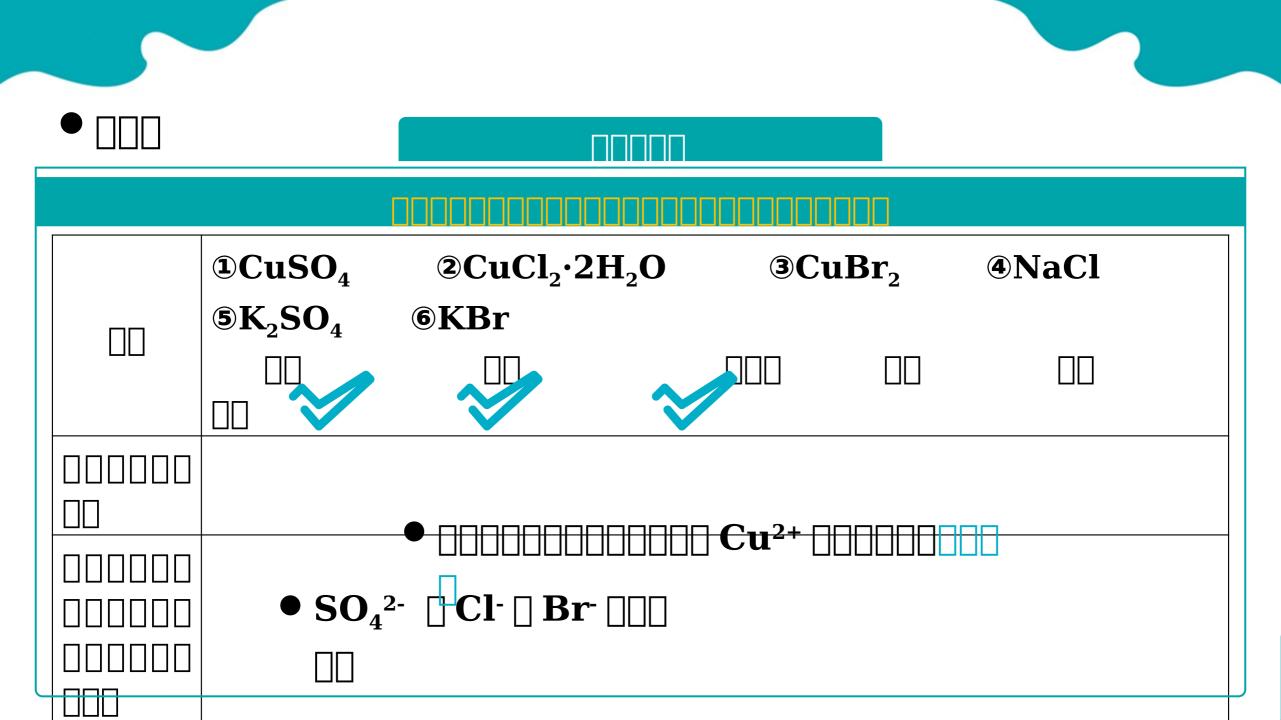


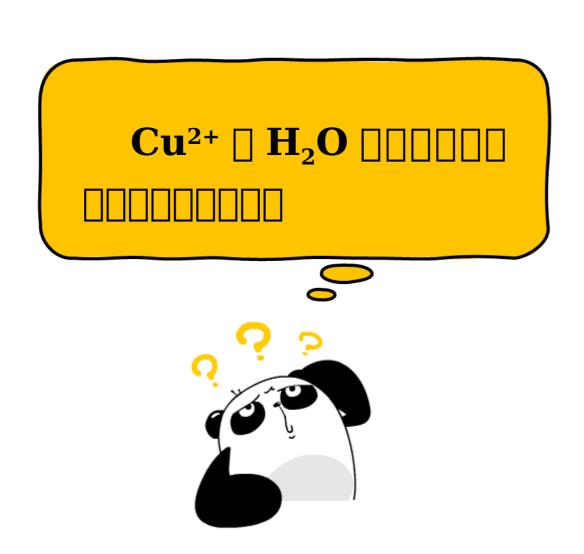


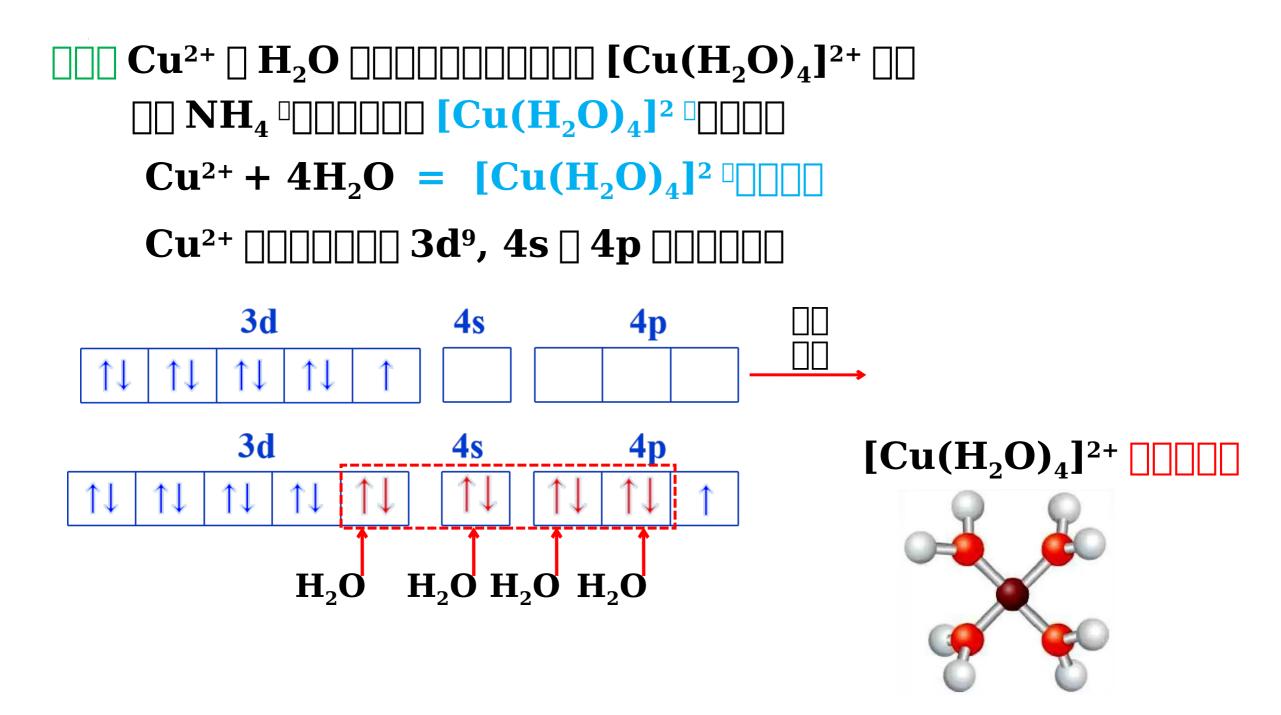


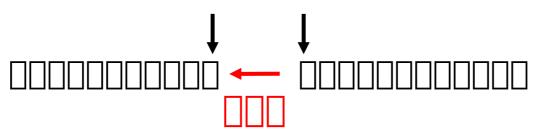












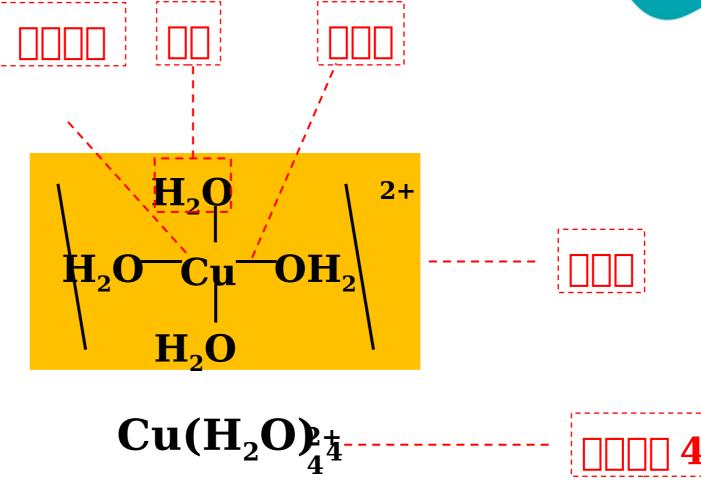
- - \square **2** $\square\square\square\square\square$

 $\square\square\square\square$ \mathbb{NH}_3 \square \mathbb{H}_2 \mathbb{O} \square \mathbb{HF} \square \mathbb{CO} \square

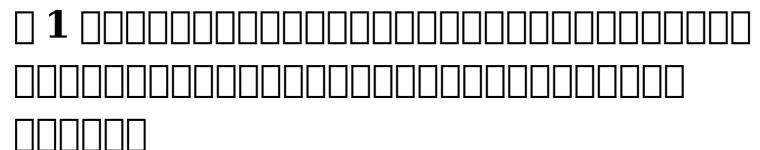
:C≡0:

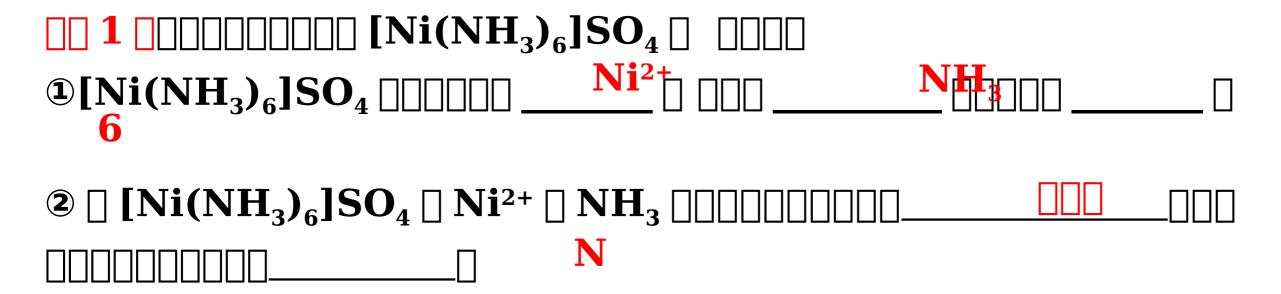
- Fe \square Ni \square Fe³⁺ \square Cu²⁺ \square Zn²⁺ \square Ag⁺
- \square Co³⁺ \square Cr³⁺ \square

[] 4 2+ OH_2 H_2Q][] **Ag** 🛮 **2** [[[

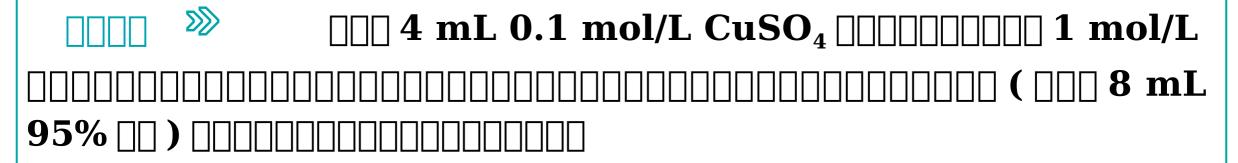




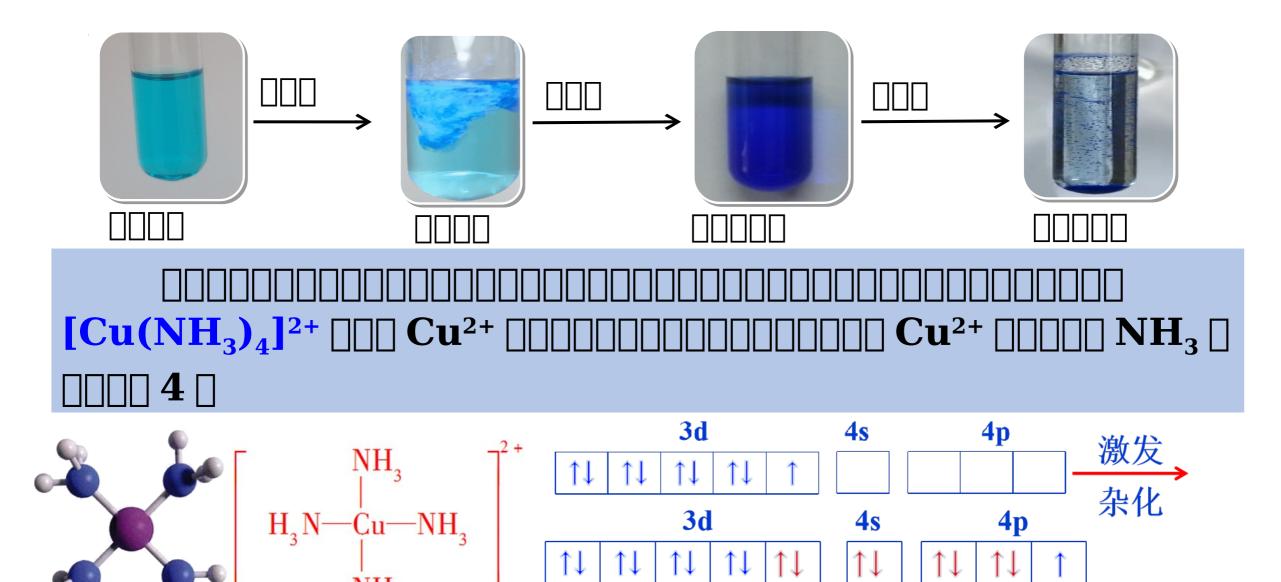












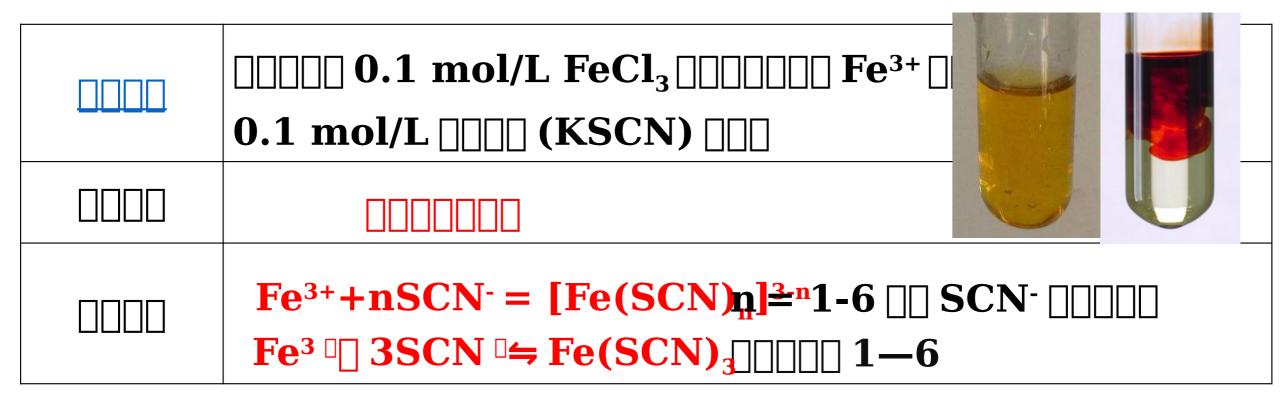
 $\dot{N}H_3 \dot{N}H_3 \dot{N}H_3 \dot{N}H_3$

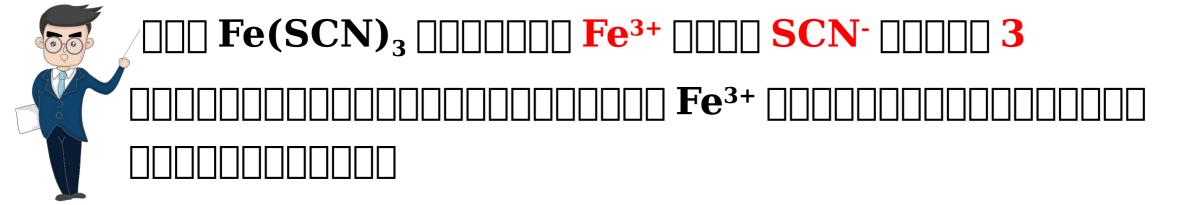
$$\begin{bmatrix}
\mathbf{H}_{2} & \mathbf{H}_{3} & \mathbf{H}_{3} & \mathbf{H}_{3} \\
\mathbf{H}_{2} & \mathbf{H}_{3} & \mathbf{H}_{3}
\end{bmatrix}^{2+}$$

$$\mathbf{H}_{3} & \mathbf{H}_{3} & \mathbf{H}_{3}$$

$$\mathbf{H}_{2} & \mathbf{N} & \mathbf{N} & \mathbf{N} & \mathbf{N} & \mathbf{N} & \mathbf{N} \\
\mathbf{H}_{2} & \mathbf{N} \\
\mathbf{H}_{3} & \mathbf{N} \\
\mathbf{H}_{2} & \mathbf{N} \\
\mathbf{H}_{2} & \mathbf{N} & \mathbf{N$$







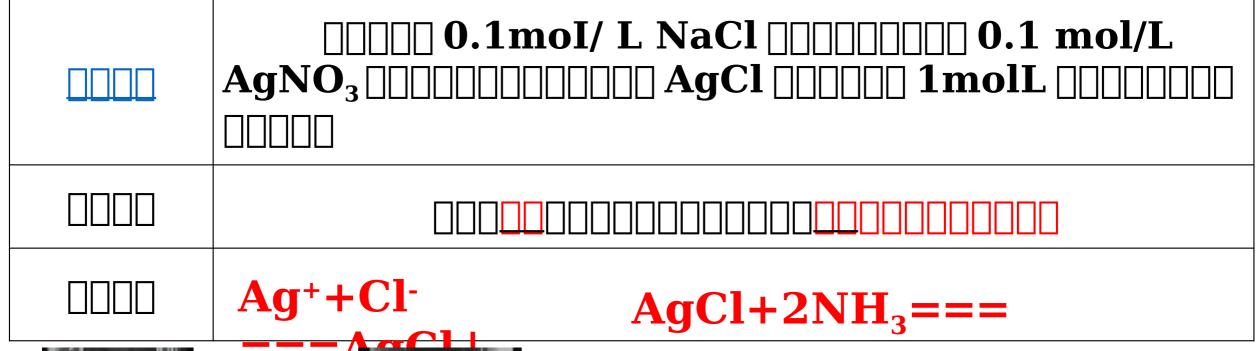
Fe³⁺ + SCN⁻
$$\rightleftharpoons$$
 Fe(SCN)²⁺
Fe(SCN)²⁺ + SCN⁻ \rightleftharpoons Fe(SCN)₂

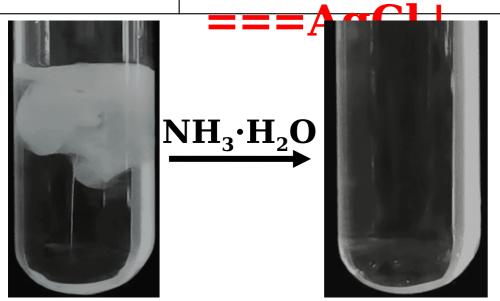
Fe(SCN

 $Fe(SCN)_5 + SCN - \rightleftharpoons$

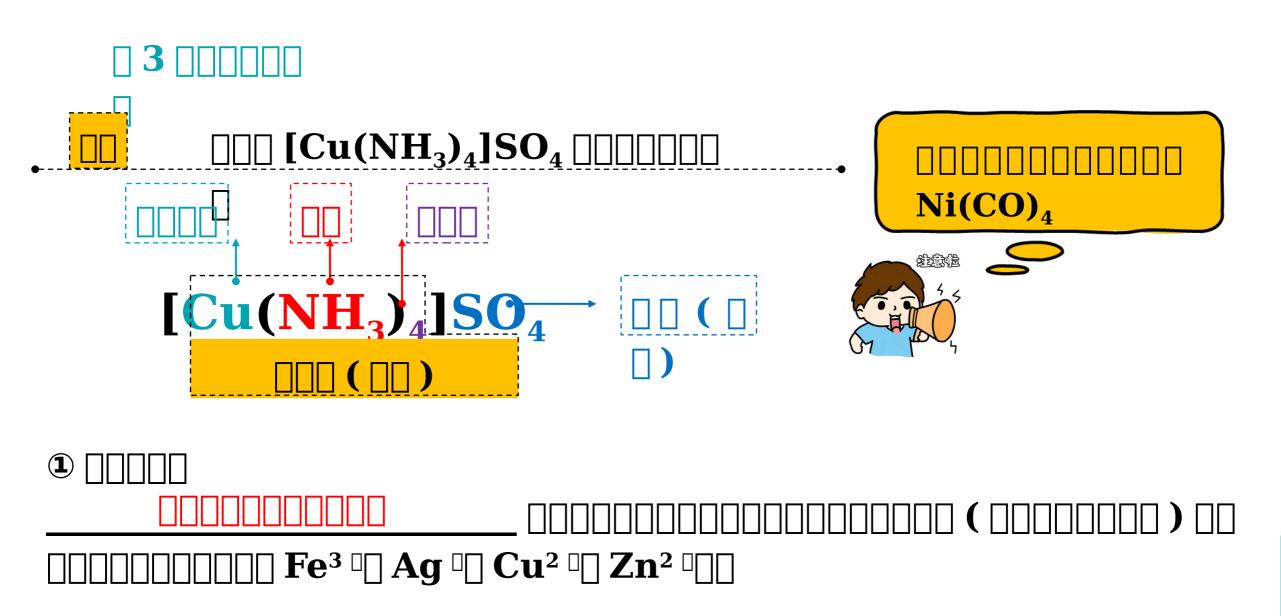


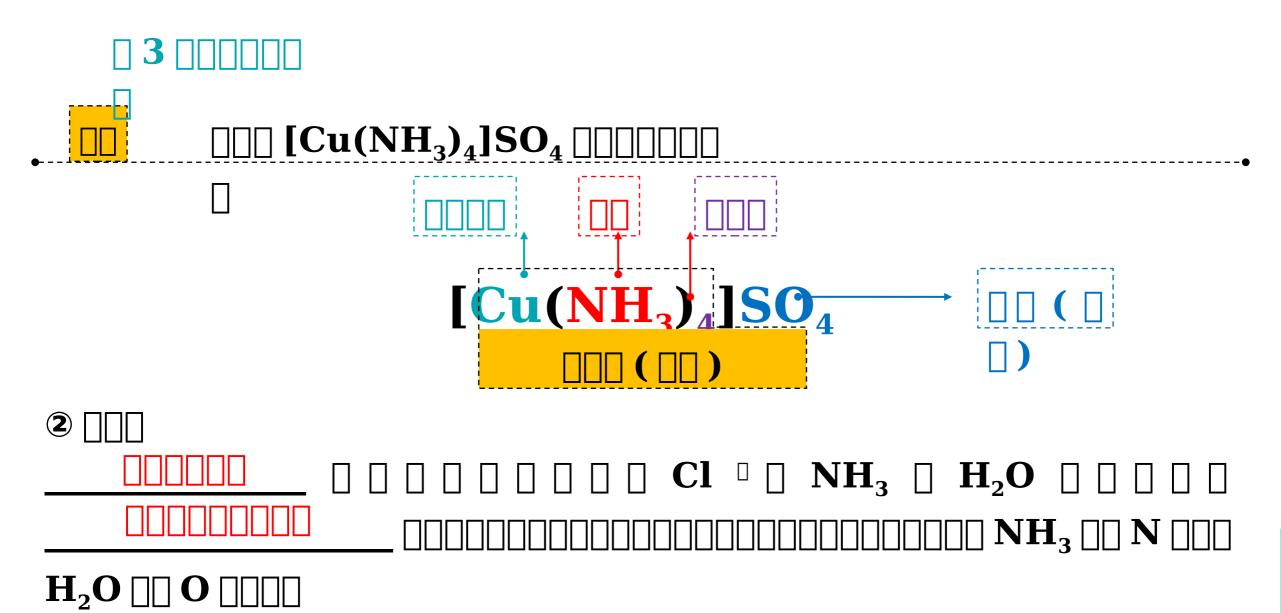
□ **2** □□□□□□□□□□□□ **3-5** □

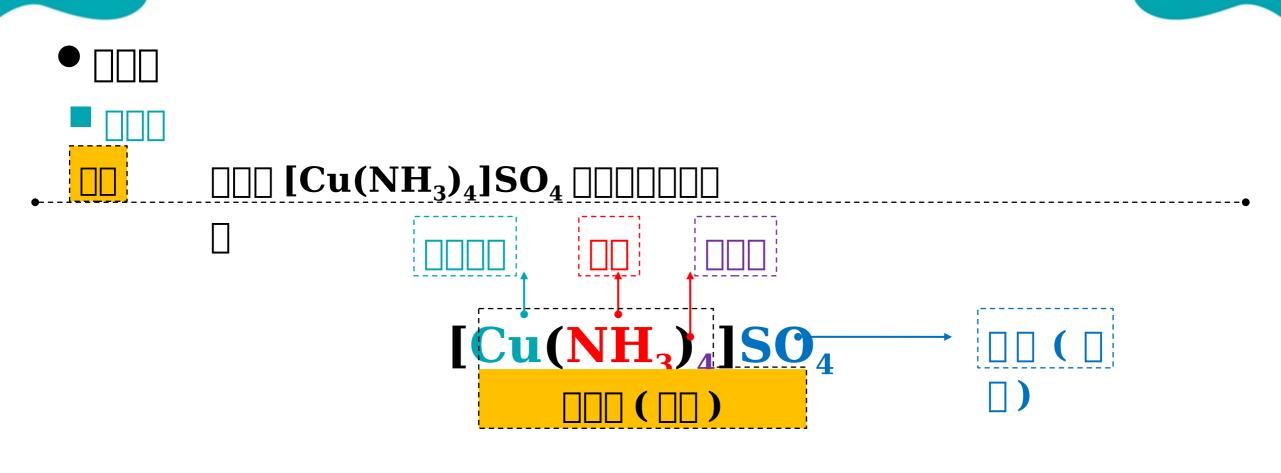




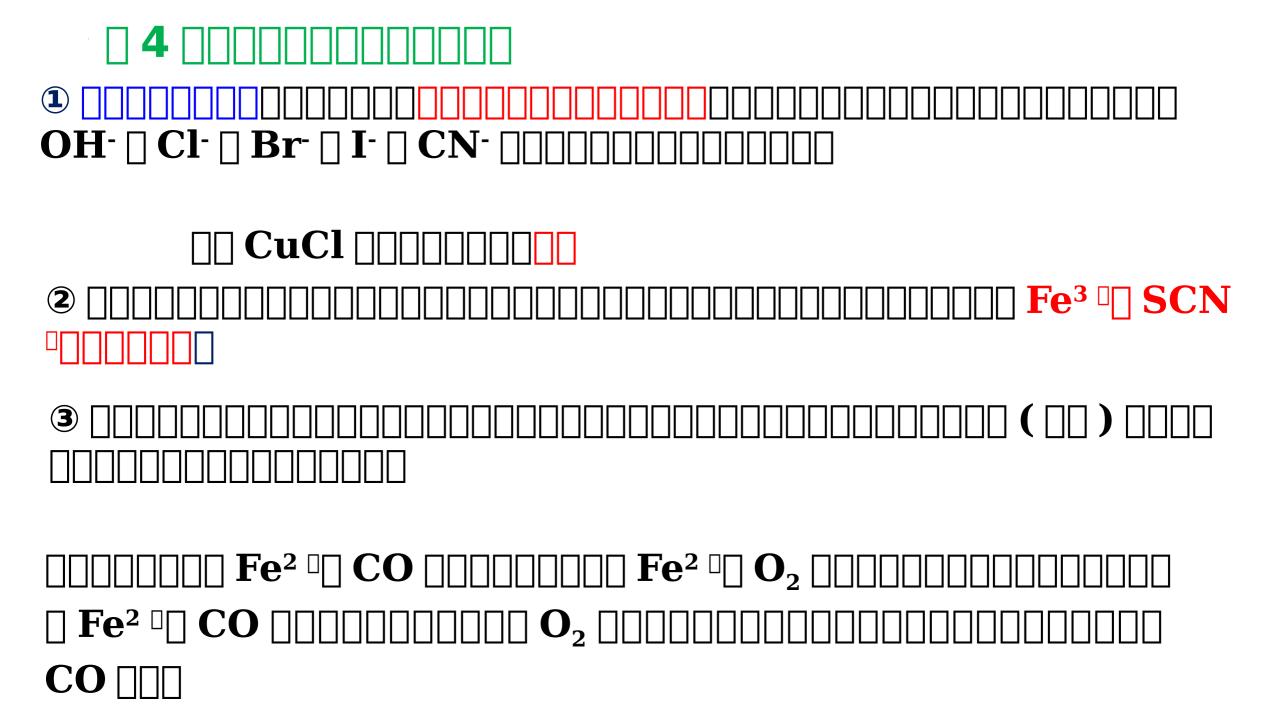
 $Ag^+ \rightarrow AgOH \downarrow \rightarrow [Ag(NH_3)_2]$ OH











```
A.Cu_2(OH)_2SO_4
                                       B.NH<sub>4</sub>Cl
C.[Zn(NH_3)_4]SO_4 D.KAl(SO_4)_2
\square 2 \square 0.01 mol \square \square (CrCl<sub>3</sub>·6H<sub>2</sub>O) \square \square \square \square AgNO<sub>3</sub> \square \square \square
\square 0.01 mol AgCl \square\square\square\square\square\square\square\square\square\square\square (
A.[Cr(H_2O)_6]Cl_3
B.[Cr(H_2O)_5Cl]Cl_2\cdot H_2O
C.[Cr(H_2O)_4Cl_2]Cl\cdot 2H_2O
D.[Cr(H_2O)_3Cl_3]\cdot 3H_2O
```





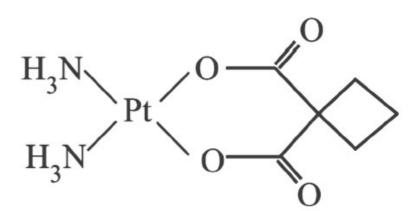
☐☐ · ☐ · ☐☐☐
(Ernst Werner von Siemens)

f 1 \square $A \square Na_2O_2$ B [] KOH $C \square NH_4NO_3$ $\mathbf{D} \square \mathbf{H}_2 \mathbf{O}$ $\boxed{\quad \ \ \, } \textbf{D} \ \boxed{\quad \ \ } \textbf{H}_2\textbf{O} \ \boxed{\quad \ \ } \boxed{\quad \ \ } \boxed{\quad \ \ }$

 $\mathbf{A} \square \square \square \square \square \square \square \square \square \mathbf{4}$

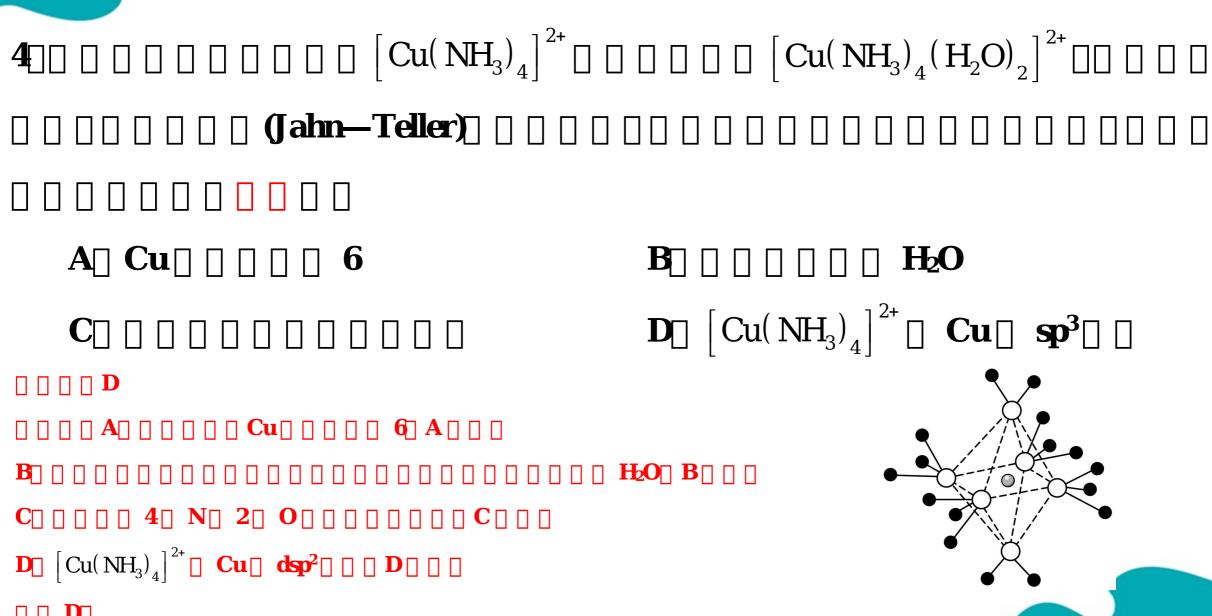
 $\mathbf{C} \square \square \square \square \sigma \square \square \mathbf{\pi} \square \square \square \square \square \square \square \square \mathbf{10:1}$

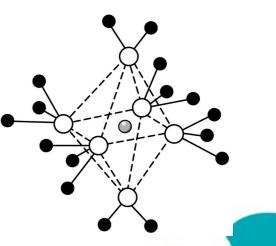
 \mathbf{D}

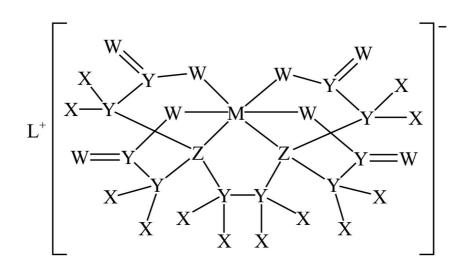


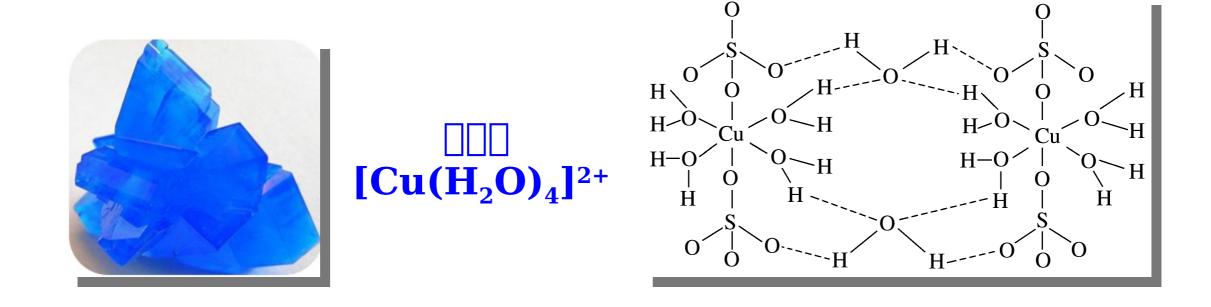
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C C A CONTINUE OF A CONTINUE
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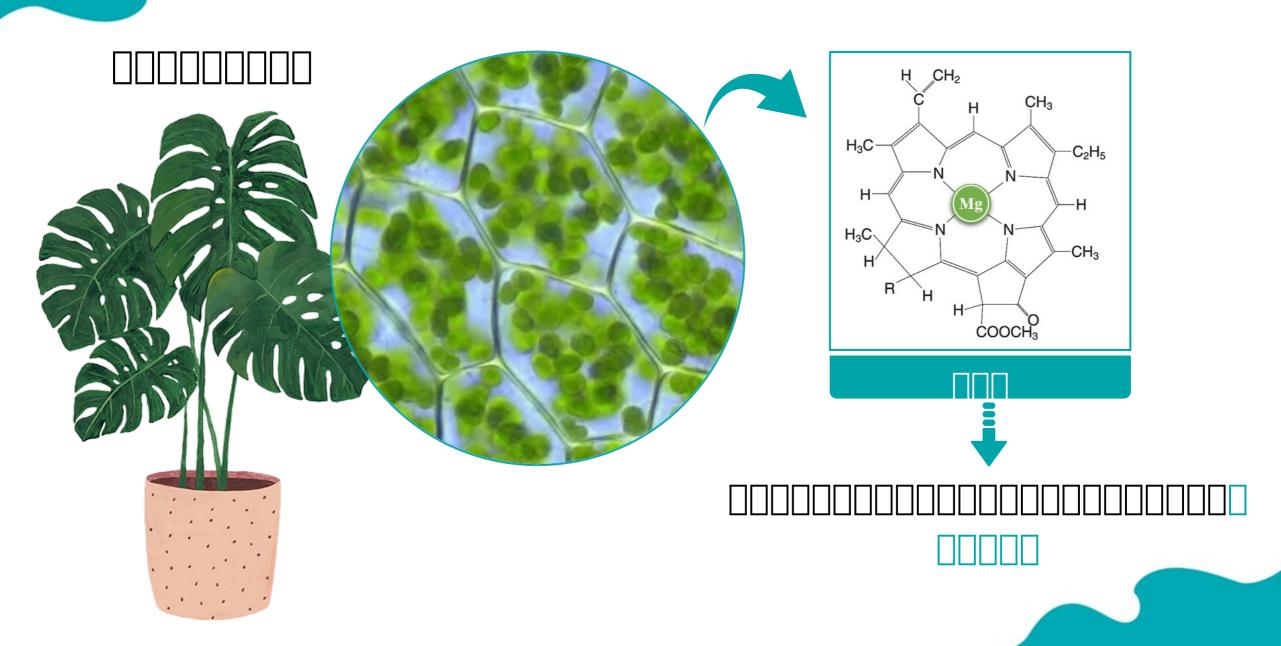
```
\mathbf{A}
                  \mathbf{B} \sqcap
\mathbf{C} \sqcap
                  \mathbf{D}
B
\mathbf{C}_{\square} Na\left[ \text{Al}\left( \text{OH} \right)_{4} \right]
```

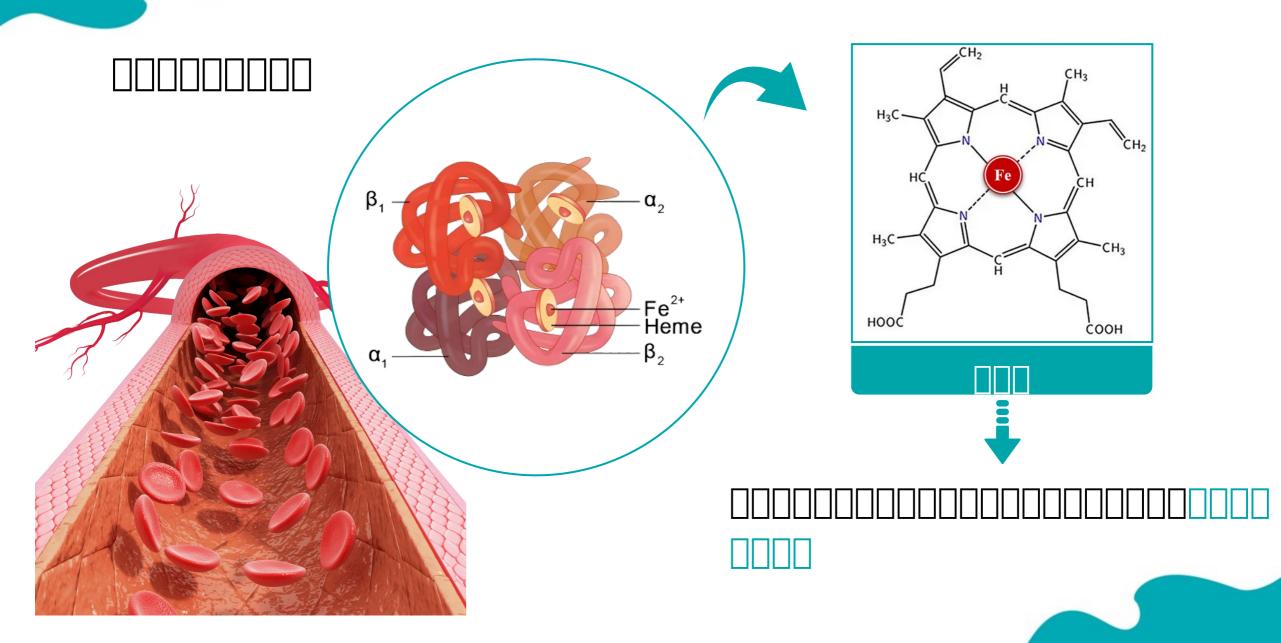


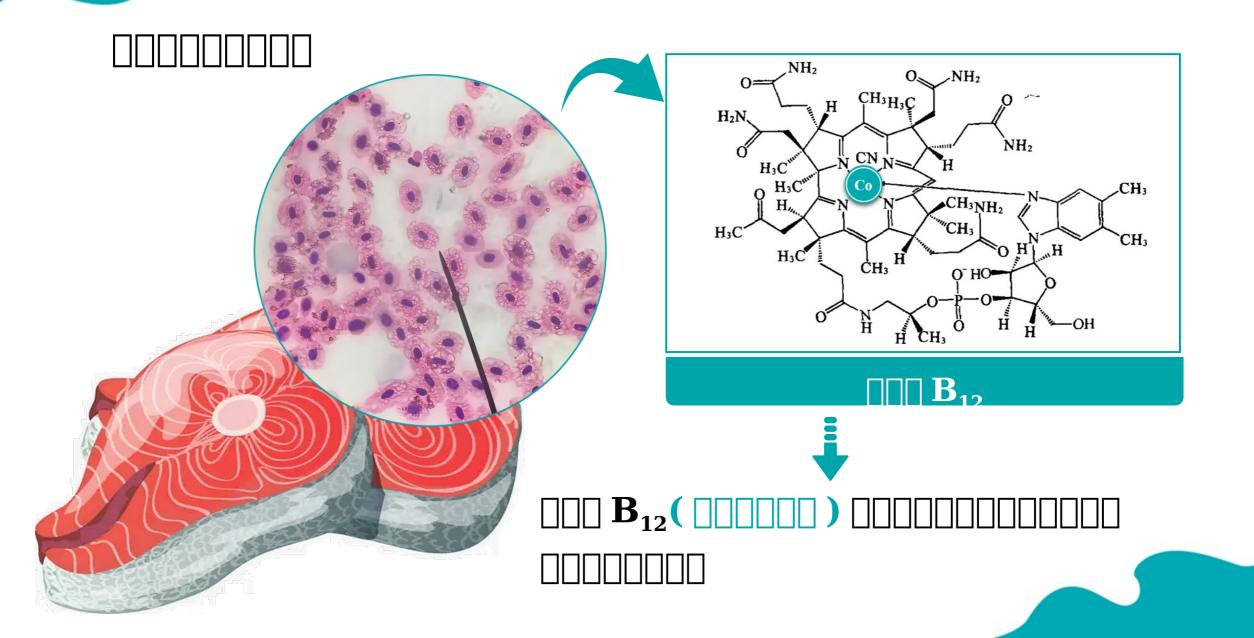












```
X \ \square \ H \ \square \ Y \ \square \square \square \ 4 \ \square \square \square \square \square \ W \ \square \square \square \ 2 \ \square \square \square \square \square \square \ Y \ \square \ C \ \square \ W \ \square \ O \ \square \ Y \ \square \ Z \ \square \ W \ \square \square \square \square \ Z \ \square
\mathbf{N}
\mathbb{C} \square \square \square \square \square M^{3+} \square \square \square \square \square \bigcirc 6 \square \mathbb{C} \square \square \square
\mathbf{NH_3} \sqcup \mathbf{1} \sqcup \mathsf{1} \sqcup \mathsf{1}
\prod \mathbf{C} \prod
```

